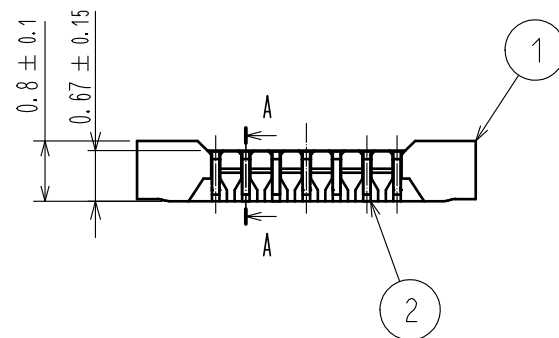
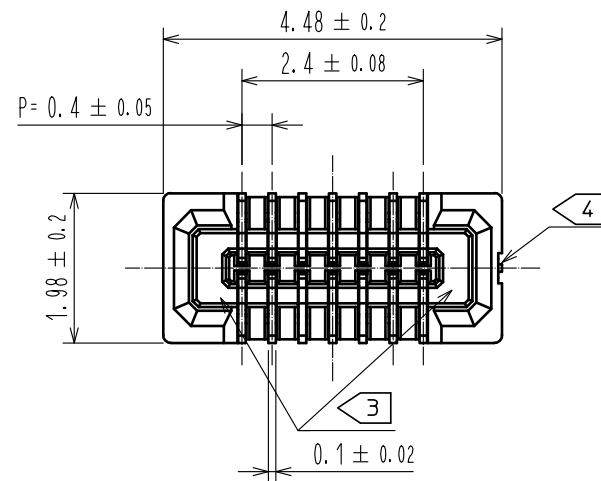


NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX

2 CONTACT PLATING SPECIFICATIONS.

CONTACT AREA : GOLD 0.05 μ m MIN

SMT LEAD : GOLD 0.05 μ m MIN

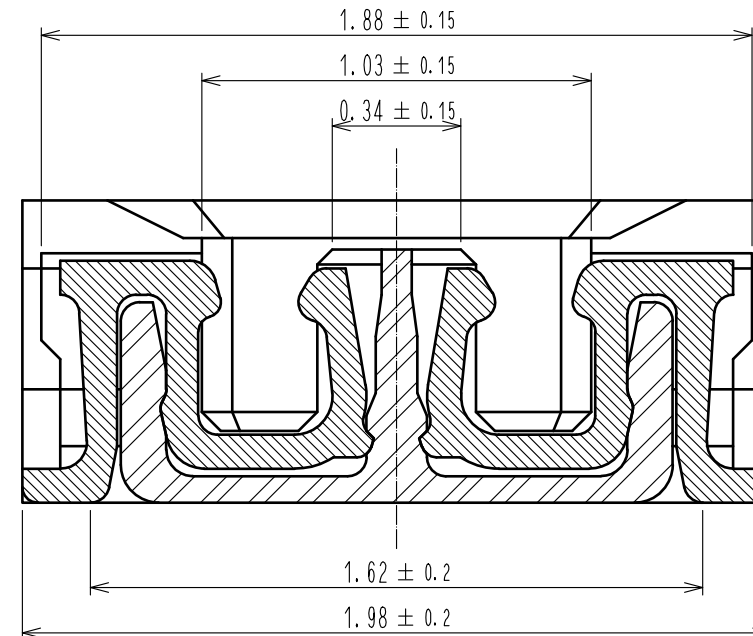
UNDERPLATING : NICKEL 1 μ m MIN

(SURFACE : SEALING)

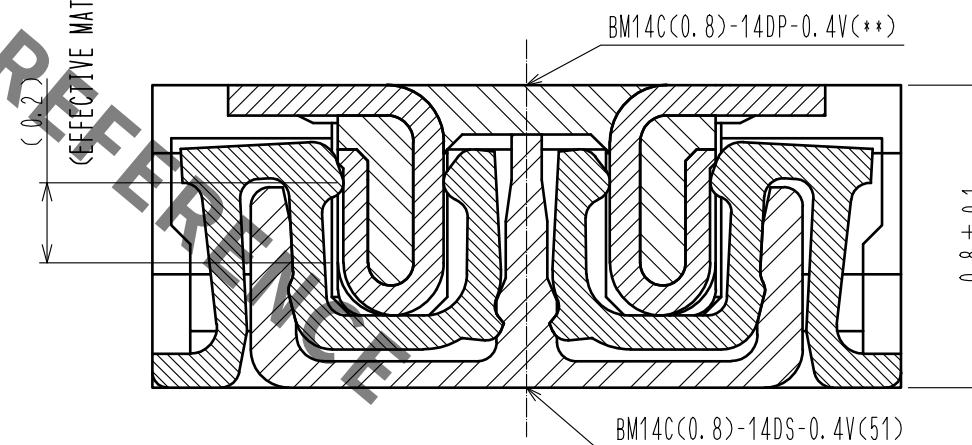
3 HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

4 GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

A-A (50:1)



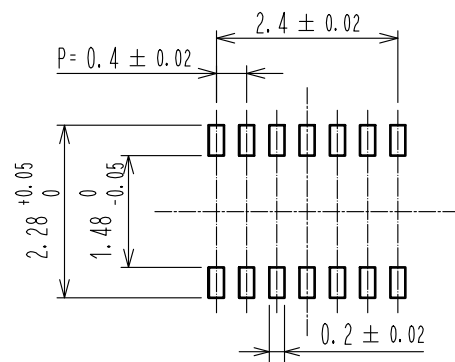
ENGAGEMENT FIGURE (50:1)



3	PS	CLEAR (ENBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 	DESCRIPTION OF REVISIONS	
HIROSE ELECTRIC CO., LTD.		APPROVED : MO. ISHIDA	16. 04. 26	DRAWING NO. EDC-324406-51-00	
		CHECKED : TS. MIYAZAKI	16. 04. 26	PART NO. BM14C(0.8)-14DS-0.4V(51)	
		DESIGNED : NY. YAMASHIRO	16. 04. 26	CODE NO. CL684-8017-0-51	
		DRAWN : SN. NUMAZAKI	16. 04. 25		
		DESIGNED		CHECKED	DATE

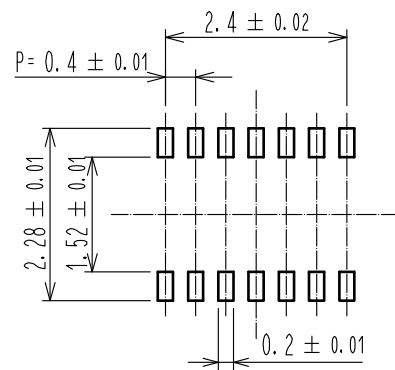
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

◆ RECOMMENDED PCB LAYOUT

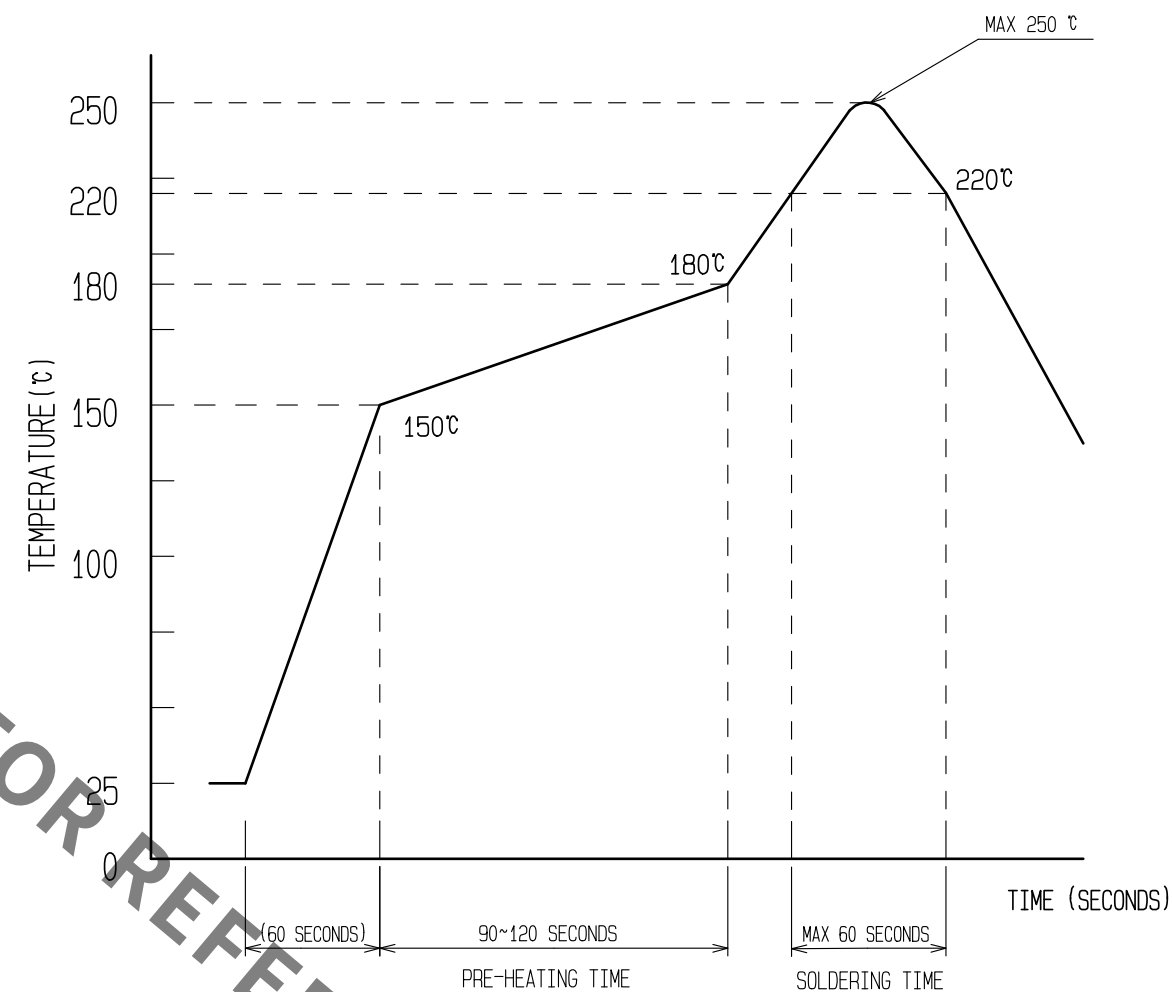


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : $100 \mu\text{m}$



6 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.

- 1) REFLOW TIME
DURATION ABOVE 220°C : 60 SEC. MAX.
(PEAK TEMPERATURE: 250°C MAX)
- 2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150°C
PRE-HEAT TEMPERATURE(MAX): 180°C
PRE-HEAT TIME: 90-120 sec.

6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

DRAWING NO.	EDC-324406-51-00
PART NO.	BM14C(0.8)-14DS-0.4V(51)
CODE NO.	CL684-8017-0-51

2/3

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